

International Agency for Research on Cancer



Cancer in Central and South America

NICARAGUA

This country profile for the Cancer in Central and South America project provides, for each participating cancer registry tables and graphics showing numbers of cases and rates by year, sex and age group for major sites of cancer together with a population pyramid. A country summary is also provided based on aggregated registry data and national mortality data from the WHO mortality database:

(http://www.who.int/healthinfo/statistics/mortality_rawdata/en/index.html)

Citation of any of these data should be in the following format:

“Sierra MS, Abriata MG, Barrios E, Bravo LE, Cueva P, Fernandez L, Pineros M, Rebelo M, de Vries E, Forman D. Editors on behalf of the Cancer in Central and South America Working Group (2016). Cancer in Central and South America. Lyon: International Agency for Research on Cancer. Available from: http://www-dep.iarc.fr/CSU_resources.htm accessed [date].”

Registry Summary Tables and Figures

**NICARAGUA, HISTOPATHOLOGY-BASED CANCER
REGISTRY OF LEÓN¹ (2009-2010)**

Registry Director*: Dr Ofelia Rojas Berríos

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*Director and staff as notified at time of call for data in 2013. Current contact information for cancer registries in the region can be found at: http://www.iacr.com.fr/index.php?option=com_comprofiler&task=usersList&listid=5.

¹ Department of Pathology, HEODRA, Universidad Nacional Autónoma de Nicaragua, Leon

NICARAGUA (2009-2010)
Hospital Base: Case Series

SITE	MALES						FEMALES						
	ALL CASES	%	UNKAGE	MV (%)	DCO (%)	Rank†	ALL CASES	%	UNKAGE	MV (%)	DCO (%)	Rank†	ICD10
Lip, oral cavity, and pharynx (C00-14)	5	3.7	0	100	0	7	3	1.1	0	100	0	13	C00-14
Oesophagus (C15)	2	1.5	0	100	0	12.5	1	0.4	0	100	0	19	C15
Stomach (C16)	11	8.1	0	100	0	2.5	11	3.9	0	100	0	6	C16
Colon (C18)	3	2.2	0	100	0		11	3.9	0	100	0		C18
Rectum (C19-20)	2	1.5	0	100	0		2	0.7	0	100	0		C19-20
Colorectal (C18-20)	5	3.7	0	100	0	7	13	4.6	0	100	0	5	C18-20
Anus (C21)							1	0.4	0	100	0	19	C21
Colon, rectum and anus (C18-21)	5	3.7	0	100	0		14	4.9	0	100	0		C18-21
Liver (C22)	1	0.7	0	100	0	17	3	1.1	0	100	0	13	C22
Gallbladder (C23-24)	1	0.7	0	100	0	17	3	1.1	0	100	0	13	C23-24
Larynx (C32)	5	3.7	0	100	0	7							C32
Lung, trachea and bronchus (C33-34)	4	2.9	0	100	0	9	1	0.4	0	100	0	19	C33-34
Melanoma of skin (C43)	1	0.7	0	100	0	17	2	0.7	0	100	0	16.5	C43
Breast (C50)							73	25.6	0	100	0	1	C50
Cervix uteri (C53)							58	20.4	0	100	0	2	C53
Corpus uteri (C54)							19	6.7	0	100	0	4	C54
Ovary (C56)							6	2.1	0	100	0	7.5	C56
Penis (C60)	2	1.5	0	100	0	12.5							C60
Prostate (C61)	27	19.9	0	100	0	1							C61
Testis (C62)	1	0.7	0	100	0	17							C62
Kidney (C64)	3	2.2	0	100	0	10.5	3	1.1	0	100	0	13	C64
Bladder (C67)	1	0.7	0	100	0	17	2	0.7	0	100	0	16.5	C67
Brain, CNS (C70-72)	1	0.7	0	100	0	17							C70-72
Thyroid (C73)	6	4.4	0	100	0	5	20	7.0	0	100	0	3	C73
Hodgkin disease (C81)	3	2.2	0	100	0	10.5	3	1.1	0	100	0	13	C81
Non-Hodgkin lymphoma (C82-85,C96)	1	0.7	0	100	0	17	4	1.4	0	100	0	9.5	C82-85,C96
Lymphoid leukaemia (C91)	1	0.7	0	100	0								C91
Myeloid leukaemia (C92-94)	3	2.2	0	100	0		4	1.4	0	100	0		C92-94
Leukaemia unspecified (C95)	4	2.9	0	100	0								C95
Leukaemia (C91-95)	8	5.9	0	100	0	4	4	1.4	0	100	0	9.5	C91-95
Other and unspecified (O&U)	11	8.1	0	100	0	2.5	6	2.1	0	100	0	7.5	O&U
All sites but C44 (ALLC44)	110	80.9	0	100	0		244	85.6	0	100	0		ALLC44
All sites (ALL)	136	100.0	0	100	0		285	100.0	0	100	0		ALL

UNK, Unknown; MV, Microscopic Verification; DCO, Death Certificate Only
†Rank based on highest number of cases excluding: All sites but C44 and All sites

Country's Summary Tables and Figures

NICARAGUA^{1,2,3}

(2003-2007²)

¹ Country's incidence rates were not estimated. Case series are presented using data from the histopathology-based Cancer Registry of León, Department of Pathology, HEODRA, Universidad Nacional Autónoma de Nicaragua, Leon

² National mortality data obtained from the WHO mortality database:
http://www.who.int/healthinfo/statistics/mortality_rawdata/en/index.html

³ Methodological details are included in "Cancer in Central and South America: Methodology"
<http://dx.doi.org/10.1016/j.canep.2016.07.020>

NICARAGUA (2003-2007)
Number of Deaths in Major Diagnosis Groups
per Calendar Year

SITE	YEAR					TOTAL n (%)
	2003 n (%)	2004 n (%)	2005 n (%)	2006 n (%)	2007 n (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	22 (2.7)	21 (2.4)	24 (2.5)	17 (1.9)	24 (2.4)	108 (2.4)
Digestive organs (C15-C26)	381 (46.6)	369 (42.8)	439 (45.7)	386 (44.2)	461 (46.9)	2036 (45.3)
Respiratory organs (C30-C39)	82 (10.0)	94 (10.9)	95 (9.9)	96 (11.0)	106 (10.8)	473 (10.5)
Bone, cartilage, and skin (C40-C44)	2 (0.2)	0 (0.0)	5 (0.5)	4 (0.5)	3 (0.3)	14 (0.3)
Male genitalia (C60-C63)	122 (14.9)	165 (19.1)	166 (17.3)	163 (18.7)	154 (15.7)	770 (17.1)
Urinary organs (C64-C68)	18 (2.2)	25 (2.9)	23 (2.4)	31 (3.6)	32 (3.3)	129 (2.9)
Eye, brain, and thyroid (C69-C75)	42 (5.1)	41 (4.8)	35 (3.6)	40 (4.6)	46 (4.7)	204 (4.5)
Hematopoietic (C81-C96)	113 (13.8)	117 (13.6)	128 (13.3)	119 (13.6)	120 (12.2)	597 (13.3)
All sites	817 (100.0)	863 (100.0)	961 (100.0)	873 (100.0)	983 (100.0)	4497 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	9 (0.9)	7 (0.6)	6 (0.6)	7 (0.7)	14 (1.2)	43 (0.8)
Digestive organs (C15-C26)	397 (39.9)	414 (38.0)	395 (38.7)	428 (41.3)	486 (42.3)	2120 (40.1)
Respiratory organs (C30-C39)	57 (5.7)	66 (6.1)	70 (6.9)	45 (4.3)	55 (4.8)	293 (5.5)
Bone, cartilage, and skin (C40-C44)	3 (0.3)	4 (0.4)	3 (0.3)	3 (0.3)	3 (0.3)	16 (0.3)
Breast (C50)	86 (8.6)	110 (10.1)	94 (9.2)	96 (9.3)	111 (9.7)	497 (9.4)
Female genitalia (C51-C58)	265 (26.6)	280 (25.7)	276 (27.0)	279 (26.9)	289 (25.2)	1389 (26.3)
Urinary organs (C64-C68)	11 (1.1)	14 (1.3)	14 (1.4)	12 (1.2)	8 (0.7)	59 (1.1)
Eye, brain, and thyroid (C69-C75)	45 (4.5)	45 (4.1)	42 (4.1)	52 (5.0)	55 (4.8)	239 (4.5)
Hematopoietic (C81-C96)	87 (8.7)	106 (9.7)	82 (8.0)	111 (10.7)	101 (8.8)	487 (9.2)
All sites	995 (100.0)	1089 (100.0)	1021 (100.0)	1036 (100.0)	1148 (100.0)	5289 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	31 (1.7)	28 (1.4)	30 (1.5)	24 (1.3)	38 (1.8)	151 (1.5)
Digestive organs (C15-C26)	778 (42.9)	783 (40.1)	834 (42.1)	814 (42.6)	947 (44.4)	4156 (42.5)
Respiratory organs (C30-C39)	139 (7.7)	160 (8.2)	165 (8.3)	141 (7.4)	161 (7.6)	766 (7.8)
Bone, cartilage, and skin (C40-C44)	5 (0.3)	4 (0.2)	8 (0.4)	7 (0.4)	6 (0.3)	30 (0.3)
Urinary organs (C64-C68)	29 (1.6)	39 (2.0)	37 (1.9)	43 (2.3)	40 (1.9)	188 (1.9)
Eye, brain, and thyroid (C69-C75)	87 (4.8)	86 (4.4)	77 (3.9)	92 (4.8)	101 (4.7)	443 (4.5)
Hematopoietic (C81-C96)	200 (11.0)	223 (11.4)	210 (10.6)	230 (12.0)	221 (10.4)	1084 (11.1)
All sites	1812 (100.0)	1952 (100.0)	1982 (100.0)	1909 (100.0)	2131 (100.0)	9786 (100.0)

NICARAGUA (2003-2007)
Age Standardized Mortality Rate (World Population) per 100,000
in Major Diagnosis Groups per Calendar Year

SITE	YEAR					TOTAL ASMR (%)
	2003 ASMR (%)	2004 ASMR (%)	2005 ASMR (%)	2006 ASMR (%)	2007 ASMR (%)	
MALES						
Lip, oral cavity, and pharynx (C00-C14)	1.4 (2.8)	1.4 (2.6)	1.5 (2.6)	1.1 (2.1)	1.4 (2.5)	1.4 (2.5)
Digestive organs (C15-C26)	25.9 (50.1)	24.0 (44.4)	28.0 (48.4)	23.8 (46.8)	27.1 (48.7)	25.7 (47.7)
Respiratory organs (C30-C39)	5.4 (10.5)	6.3 (11.7)	6.2 (10.8)	6.1 (12.0)	6.4 (11.5)	6.1 (11.3)
Bone, cartilage, and skin (C40-C44)	0.2 (0.3)	0.0 (0.0)	0.3 (0.5)	0.2 (0.4)	0.1 (0.3)	0.2 (0.3)
Male genitalia (C60-C63)	8.1 (15.7)	10.6 (19.7)	10.5 (18.2)	9.8 (19.3)	8.7 (15.6)	9.6 (17.7)
Urinary organs (C64-C68)	1.1 (2.1)	1.7 (3.1)	1.4 (2.4)	1.9 (3.6)	2.0 (3.6)	1.6 (3.0)
Eye, brain, and thyroid (C69-C75)	2.4 (4.6)	2.3 (4.2)	1.9 (3.3)	1.9 (3.7)	2.4 (4.2)	2.2 (4.0)
Hematopoietic (C81-C96)	5.5 (10.6)	5.9 (10.9)	6.1 (10.6)	5.4 (10.6)	5.7 (10.3)	5.7 (10.6)
All sites	51.7 (100.0)	53.9 (100.0)	57.8 (100.0)	50.8 (100.0)	55.7 (100.0)	54.0 (100.0)
FEMALES						
Lip, oral cavity, and pharynx (C00-C14)	0.5 (0.9)	0.4 (0.7)	0.3 (0.5)	0.4 (0.7)	0.7 (1.2)	0.4 (0.8)
Digestive organs (C15-C26)	23.2 (40.6)	23.9 (39.1)	22.2 (40.2)	22.9 (42.1)	25.0 (43.3)	23.5 (41.1)
Respiratory organs (C30-C39)	3.7 (6.4)	3.7 (6.1)	4.0 (7.3)	2.6 (4.8)	2.9 (5.1)	3.4 (5.9)
Bone, cartilage, and skin (C40-C44)	0.2 (0.3)	0.2 (0.3)	0.2 (0.3)	0.1 (0.2)	0.2 (0.3)	0.2 (0.3)
Breast (C50)	5.0 (8.8)	6.6 (10.8)	5.3 (9.6)	5.1 (9.4)	5.6 (9.7)	5.5 (9.7)
Female genitalia (C51-C58)	15.7 (27.5)	16.3 (26.6)	15.1 (27.4)	15.0 (27.5)	14.6 (25.3)	15.3 (26.8)
Urinary organs (C64-C68)	0.7 (1.2)	0.8 (1.3)	0.7 (1.3)	0.6 (1.1)	0.5 (0.8)	0.6 (1.1)
Eye, brain, and thyroid (C69-C75)	2.3 (4.0)	2.5 (4.0)	2.1 (3.8)	2.6 (4.8)	2.4 (4.1)	2.4 (4.2)
Hematopoietic (C81-C96)	4.2 (7.3)	4.6 (7.5)	3.6 (6.5)	4.9 (9.0)	4.8 (8.3)	4.4 (7.7)
All sites	57.1 (100.0)	61.3 (100.0)	55.3 (100.0)	54.4 (100.0)	57.7 (100.0)	57.1 (100.0)
BOTH SEXES						
Lip, oral cavity, and pharynx (C00-C14)	0.9 (1.7)	0.9 (1.5)	0.8 (1.5)	0.7 (1.3)	1.0 (1.8)	0.9 (1.6)
Digestive organs (C15-C26)	24.5 (45.2)	24.0 (41.8)	24.9 (44.4)	23.4 (44.6)	26.0 (46.1)	24.6 (44.4)
Respiratory organs (C30-C39)	4.4 (8.2)	4.9 (8.6)	5.1 (9.0)	4.2 (8.0)	4.6 (8.1)	4.6 (8.4)
Bone, cartilage, and skin (C40-C44)	0.2 (0.3)	0.1 (0.2)	0.2 (0.4)	0.2 (0.3)	0.2 (0.3)	0.2 (0.3)
Urinary organs (C64-C68)	0.9 (1.6)	1.2 (2.1)	1.0 (1.8)	1.2 (2.3)	1.2 (2.1)	1.1 (2.0)
Eye, brain, and thyroid (C69-C75)	2.3 (4.3)	2.4 (4.1)	2.0 (3.6)	2.3 (4.4)	2.4 (4.2)	2.3 (4.1)
Hematopoietic (C81-C96)	4.8 (8.8)	5.2 (9.1)	4.8 (8.5)	5.1 (9.8)	5.2 (9.3)	5.0 (9.1)
All sites	54.2 (100.0)	57.4 (100.0)	56.1 (100.0)	52.4 (100.0)	56.5 (100.0)	55.3 (100.0)

NICARAGUA (2003-2007)
Mortality per 100,000 by Age Group (years)
Males

SITE	ALL DEATHS	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASMR (W)	CUM. RATE (0-74)†	Rank‡	ICD10	
Lip, oral cavity, & pharynx (C00-14)	108	0	.	.	.	0.1	0.1	0.1	0.1	0.3	0.5	1.7	2.7	3.5	4.1	7.1	7.0	19.7	0.8	1.4	0.1	9	C00-14	
Oesophagus (C15)	58	0	.	.	.	.	.	0.1	0.1	0.1	0.2	0.4	1.5	2.3	2.5	4.1	7.0	9.0	0.4	0.8	0.1	13	C15
Stomach (C16)	726	0	.	.	0.1	0.1	0.3	0.8	2.2	2.0	5.5	8.0	15.5	24.7	36.0	49.2	65.2	108.9	5.4	9.3	1.0	2	C16	
Colon (C18)	221	0	0.1	.	.	.	0.4	0.5	0.9	1.6	1.6	3.4	3.9	7.0	11.6	9.1	16.8	32.7	1.6	2.7	0.3		C18	
Rectum (C19-C20)	0	0	0.0	0.0	0.0	0.0		C19-C20
Colorectal (C18-20)	0	0	0.0	0.0	0.0	0.0	23	C18-20
Rectum and anus (C19-21)	53	0	.	.	.	.	.	0.1	0.2	0.3	0.9	1.3	1.7	0.8	3.7	2.0	4.2	3.9	0.4	0.7	0.1		C19-21
Colon, rectum and anus (C18-21)	274	0	0.1	.	.	.	0.4	0.5	1.1	1.9	2.5	4.7	5.6	7.7	15.3	11.2	21.0	36.7	2.0	3.4	0.4		C18-21	
Liver (C22)	459	0	.	0.1	0.5	0.7	0.7	1.3	1.4	2.0	2.7	4.3	6.8	14.7	17.4	32.4	46.2	61.5	3.4	5.6	0.7	3	C22	
Gallbladder (C23-24)	73	0	.	.	.	.	.	.	0.1	.	0.3	0.4	1.2	2.3	2.9	8.6	7.0	13.0	0.5	1.0	0.1	11	C23-24
Pancreas (C25)	162	0	.	.	.	.	0.1	0.1	0.1	0.7	0.8	1.7	1.7	8.1	7.4	9.6	20.3	25.4	1.2	2.1	0.3	6	C25
Nose, sinuses (C30-31)	0	0	0.0	0.0	0.0	0.0	23	C30-31
Larynx (C32)	73	0	.	.	.	.	.	.	.	0.1	.	0.7	1.5	3.5	2.9	2.0	7.0	18.1	0.5	0.9	0.1	12	C32
Lung, trachea and bronchus (C33-34)	400	0	.	.	.	0.3	0.1	0.4	1.0	1.1	1.7	3.0	6.1	12.8	19.0	24.8	48.3	70.0	3.0	5.2	0.6	4	C33-34	
Melanoma of skin (C43)	14	0	.	.	.	.	.	.	.	0.1	0.2	0.4	0.5	0.4	0.4	.	.	3.4	0.1	0.2	0.0	19	C43
Mesothelioma (C45)	0	0	0.0	0.0	0.0	0.0	23	C45
Kaposi sarcoma (C46)	0	0	0.0	0.0	0.0	0.0	23	C46
Breast (C50)	0	0	0.0	0.0	0.0	0.0	23	C50
Penis (C60)	0	0	0.0	0.0	0.0	0.0	23	C60
Prostate (C61)	746	0	.	.	.	.	.	.	.	.	0.6	0.7	1.7	7.7	17.0	41.6	86.9	261.8	5.5	9.4	0.8	1	C61
Testis (C62)	24	0	.	.	.	.	0.4	0.4	0.5	0.3	.	0.7	0.2	.	.	0.5	.	1.1	0.2	0.2	0.0	18	C62
Kidney (C64)	89	0	0.3	0.1	0.1	0.1	.	.	0.5	0.3	0.6	0.9	2.7	3.5	2.1	6.6	7.0	10.2	0.7	1.1	0.1	10	C64	
Bladder (C67)	40	0	.	.	.	.	.	.	.	0.1	0.3	0.2	0.2	.	1.7	4.1	5.6	8.5	0.3	0.5	0.1	14	C67
Brain, CNS (C70-72)	187	0	0.5	0.5	0.7	0.3	0.6	1.1	1.0	2.0	3.1	2.2	4.1	7.0	5.8	5.6	3.5	6.8	1.4	1.9	0.2	7	C70-72	
Thyroid (C73)	17	0	.	.	.	.	.	.	.	.	.	0.2	0.2	0.4	0.8	1.5	2.1	3.4	0.1	0.2	0.0	17	C73
Hodgkin disease (C81)	43	0	.	.	0.3	0.3	0.1	0.2	0.2	0.1	0.2	0.7	.	1.2	0.8	3.5	1.4	3.9	0.3	0.4	0.0	15	C81	
Non-Hodgkin lymphoma (C82-85,C96)	151	0	0.5	0.5	0.3	0.4	0.7	0.6	0.6	0.7	1.7	0.9	2.9	3.5	5.0	7.1	9.1	11.3	1.1	1.6	0.2	8	C82-85,C96	
Multiple myeloma (C88+C90)	32	0	.	.	.	.	.	0.1	.	0.3	.	0.7	0.2	1.2	2.5	4.1	2.1	2.3	0.2	0.4	0.1	16	C88+C90
Lymphoid leukaemia (C91)	0	0	0.0	0.0	0.0		C91
Myeloid leukaemia (C92-94)	0	0	0.0	0.0	0.0		C92-94
Leukaemia unspecified (C95)	0	0	0.0	0.0	0.0		C95
Leukaemia (C91-95)	371	0	1.5	2.1	2.1	2.8	2.4	1.4	2.7	2.9	2.5	3.7	2.4	5.0	6.6	8.6	8.4	17.5	2.8	3.2	0.3	5	C91-95	
All cancers but lung (C00-97/C33-34)	4097	0	3.9	3.5	4.6	5.8	6.7	8.5	12.5	16.7	25.0	37.2	58.7	105.9	146.0	231.2	337.7	663.9	30.4	48.8	5.0		C00-97/C33-34	
All sites (ALL)	4497	0	3.9	3.5	4.6	6.1	6.9	8.9	13.5	17.8	26.8	40.2	64.8	118.7	165.0	256.0	386.0	753.8	33.4	54.0	5.6		ALL	

UNK, Unknown; ASMR (W), Age Standardized Mortality Rate (World Population); CUM., Cumulative
†Percent
‡Rank based on highest ASMR excluding: All sites but lung and All sites

NICARAGUA (2003-2007)
Mortality per 100,000 by Age Group (years)
Females

SITE	ALL DEATHS	UNK AGE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CRUDE RATE	ASMR (W)	CUM. RATE (0-74)†	Rank‡	ICD10	
Lip, oral cavity, & pharynx (C00-14)	43	0	.	.	0.1	0.1	.	.	0.2	0.5	0.2	0.5	0.9	1.1	1.6	1.4	1.2	6.3	0.3	0.4	0.0	14	C00-14	
Oesophagus (C15)	24	0	.	.	.	.	.	.	.	0.1	0.2	.	.	2.2	.	0.9	1.9	4.6	0.2	0.3	0.0	17	C15
Stomach (C16)	544	0	.	.	.	0.4	0.9	1.8	3.0	5.2	7.9	16.4	30.9	44.2	70.2	30.9	44.2	70.2	4.0	6.0	0.7	2	C16	
Colon (C18)	266	0	.	.	.	0.1	0.3	0.5	0.9	1.7	2.8	5.5	7.8	12.3	24.9	45.9	45.9	1.9	2.8	0.3	0.3	18	C18	
Rectum (C19-C20)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	0.0	C19-C20
Colorectal (C18-20)	0	0	0.0	0.0	0.0	0.0	24	C18-20
Rectum and anus (C19-21)	39	0	.	.	.	.	.	.	0.3	0.7	0.7	0.7	2.2	2.2	0.8	1.4	3.7	4.6	0.3	0.4	0.1	19	C19-21
Colon, rectum and anus (C18-21)	305	0	.	.	.	0.1	0.3	0.5	1.2	2.0	3.5	2.9	7.7	8.6	13.8	28.6	50.5	2.2	3.3	0.3	0.3	C18-21		
Liver (C22)	504	0	0.1	0.1	.	0.1	0.4	0.5	1.2	1.7	4.5	8.4	18.6	22.8	30.9	39.2	65.2	3.7	5.7	0.6	3	C22		
Gallbladder (C23-24)	230	0	0.1	.	.	.	.	.	0.4	0.4	0.6	1.4	3.4	7.3	11.8	11.4	21.8	35.9	1.7	2.6	0.3	7	C23-24
Pancreas (C25)	196	0	.	0.1	.	.	.	.	0.3	0.6	1.7	2.3	8.8	8.2	11.4	16.2	30.9	1.4	2.2	0.2	8	C25	
Nose, sinuses (C30-31)	0	0	0.0	0.0	0.0	0.0	24	C30-31
Larynx (C32)	16	0	.	.	.	.	.	.	0.2	.	0.2	.	0.5	.	1.2	0.9	3.1	1.3	0.1	0.2	0.0	19	C32
Lung, trachea and bronchus (C33-34)	277	0	0.1	.	.	0.1	0.1	.	0.5	0.5	2.0	1.7	4.7	9.9	13.3	18.5	23.0	34.3	2.0	3.2	0.4	5	C33-34	
Melanoma of skin (C43)	16	0	.	.	.	.	.	0.1	.	.	0.2	0.2	0.7	0.7	.	0.5	0.6	2.5	0.1	0.2	0.0	21	C43
Mesothelioma (C45)	3	0	0.4	.	1.2	.	0.0	0.0	0.0	0.0	22	C45
Kaposi sarcoma (C46)	0	0	0.0	0.0	0.0	0.0	24	C46
Breast (C50)	497	0	.	.	.	.	0.2	0.9	0.8	4.7	6.8	11.6	17.0	22.3	14.5	19.9	22.4	31.7	3.6	5.5	0.6	4	C50
Cervix uteri (C53)	1196	0	.	.	0.1	.	0.5	2.3	6.5	11.8	15.2	27.1	30.7	46.3	45.1	49.9	57.8	73.1	8.8	13.2	1.5	1	C53	
Corpus uteri (C54)	29	0	.	.	.	.	.	0.1	.	.	.	0.2	0.5	0.7	1.2	3.8	2.5	3.3	0.2	0.3	0.0	15	C54
Ovary (C56)	164	0	.	0.1	0.1	0.3	0.5	0.5	0.6	0.5	0.9	2.4	4.5	7.3	6.7	7.1	10.0	10.9	1.2	1.8	0.2	9	C56	
Kidney (C64)	42	0	0.2	0.1	0.1	.	.	.	.	0.3	0.2	.	0.9	1.1	1.2	3.3	2.5	4.6	0.3	0.4	0.0	13	C64
Bladder (C67)	17	0	.	.	.	.	.	.	.	.	0.2	0.2	0.2	.	0.8	1.4	2.5	2.1	0.1	0.2	0.0	18	C67
Brain, CNS (C70-72)	184	0	0.6	0.9	0.5	0.5	0.4	0.9	0.6	1.6	2.6	1.9	3.6	3.3	3.5	7.1	8.1	8.4	1.3	1.7	0.2	10	C70-72	
Thyroid (C73)	55	0	.	.	.	0.1	0.2	.	0.1	0.2	0.2	0.2	0.7	1.5	2.7	3.8	6.2	7.1	0.4	0.6	0.1	12	C73	
Hodgkin disease (C81)	22	0	.	.	.	0.1	0.4	0.3	.	.	0.3	0.2	0.5	.	0.4	0.5	0.6	1.3	0.2	0.2	0.0	20	C81	
Non-Hodgkin lymphoma (C82-85,C96)	103	0	0.1	0.1	0.3	.	0.3	0.6	0.6	0.5	1.1	1.7	0.7	1.8	4.3	3.8	6.8	8.4	0.8	1.0	0.1	11	C82-85,C96	
Multiple myeloma (C88+C90)	21	0	.	.	.	.	.	.	.	.	0.2	0.2	0.7	1.5	0.8	1.9	1.9	1.3	0.2	0.3	0.0	16	C88+C90
Lymphoid leukaemia (C91)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	0.0	C91
Myeloid leukaemia (C92-94)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	0.0	C92-94
Leukaemia unspecified (C95)	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	0.0	0.0	0.0	C95
Leukaemia (C91-95)	341	0	1.2	1.1	2.0	2.5	1.6	1.6	2.5	1.8	3.0	3.6	4.3	8.0	6.3	6.2	7.5	11.7	2.5	2.9	0.3	6	C91-95	
All cancers but lung (C00-97/C33-34)	5012	0	3.6	2.7	3.9	4.7	5.7	10.2	17.5	30.2	41.6	69.6	98.3	171.5	175.8	231.8	314.7	478.7	36.7	53.9	5.9		C00-97/C33-34	
All sites (ALL)	5289	0	3.6	2.7	3.9	4.8	5.9	10.2	18.0	30.7	43.5	71.4	103.1	181.3	189.1	250.3	337.7	513.0	38.7	57.1	6.3		ALL	

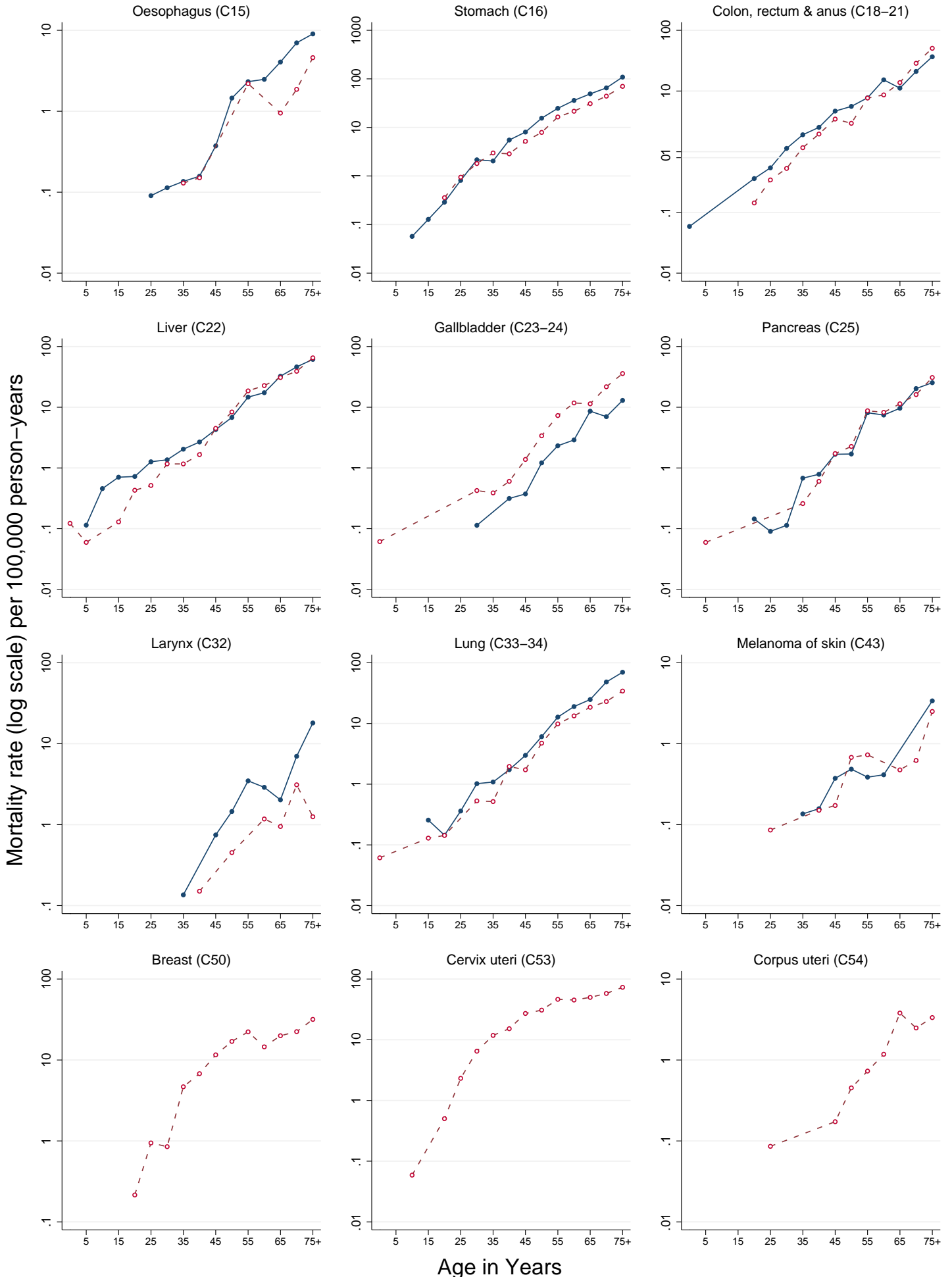
UNK, Unknown; ASMR (W), Age Standardized Mortality Rate (World Population); CUM., Cumulative

†Percent

‡Rank based on highest ASMR excluding: All sites but lung and All sites

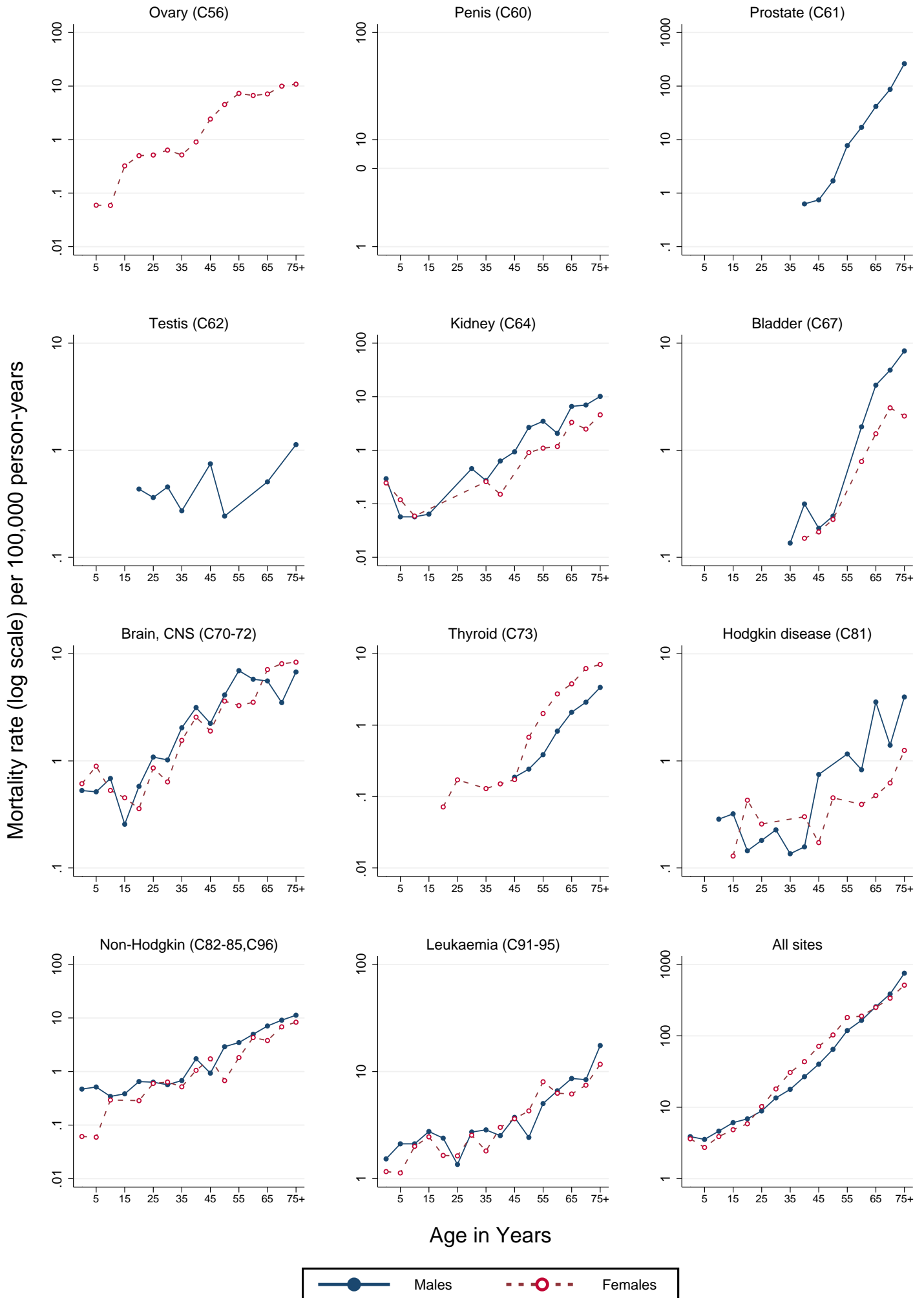
NICARAGUA (2003–2007)

Age-specific mortality rates per 100,000 person-years



NICARAGUA (2003-2007)

Age-specific mortality rates per 100,000 person-years



NICARAGUA (2003-2007)

Average annual person-years

